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## Omnicharge OP2KB002

# Omnicharge Omni 20+ 20,000 mAh Power Bank User Manual

Model: OP2KB002

## 1. INTRODUCTION

The Omnicharge Omni 20+ 20,000 mAh Power Bank is a versatile portable power solution designed to charge a wide range of electronic devices, from smartphones and tablets to laptops and DSLR cameras. Its robust feature set includes multiple output options and intelligent power management, making it an essential tool for modern digital lifestyles, whether you are outdoors, traveling, or working remotely.

Key features include:

- USB-C and 2x USB-A outputs, along with a 100W AC outlet.
- Intelligent device recognition for optimal power delivery.
- Real-time power management display showing battery level, output, and input performance.
- Fast charging capability, fully charging in less than 3 hours with the included AC fast charger.
- Integrated wireless charging for compatible smartphones.
- Adjustable 100W DC output via a universal barrel connection.
- Patented multi-layer protection system for device safety.



Figure 1: Omnicharge Omni 20+ Power Bank, showcasing its compact design and digital display.

## 2. WHAT'S INCLUDED

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Your Omnicheck Omni 20+ package includes the following items:

- Omnicheck Omni 20+ Power Bank
- USB-C to USB-C Cable
- USB-A to USB-C Cable
- AC Fast Charger (for recharging the power bank)



Figure 2: Included cables: USB-C to USB-C and USB-A to USB-C. Note that the USB-C wall charger is sold separately.

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## 3. SETUP AND INITIAL USE

### 3.1 Charging the Omni 20+

Before first use, it is recommended to fully charge your Omni 20+. Use the provided AC fast charger to connect the power bank to a wall outlet. The OLED screen will display the charging status and estimated time to full charge. A full charge typically takes less than 3 hours.



**Ultimate charging efficiency**  
DC Output 1V - 24V (70W max)

EXAMPLES:



DC to MagSafe 2 Cable



DC to Surface Connect Cable

Figure 3: The Omni 20+ supports flexible recharging methods, including wall charging, car charging, and solar charging (accessories sold separately).

### 3.2 Powering On/Off

To power on the Omni 20+, press and hold the power button located on the front panel until the OLED screen illuminates. To power off, press and hold the power button again until the screen turns off.

## 4. OPERATING THE OMNI 20+

### 4.1 Understanding the OLED Display

The integrated OLED screen provides real-time data on the power bank's status, including battery percentage, input/output wattage, and temperature. Use the navigation buttons next to the screen to cycle through different display modes and access settings.

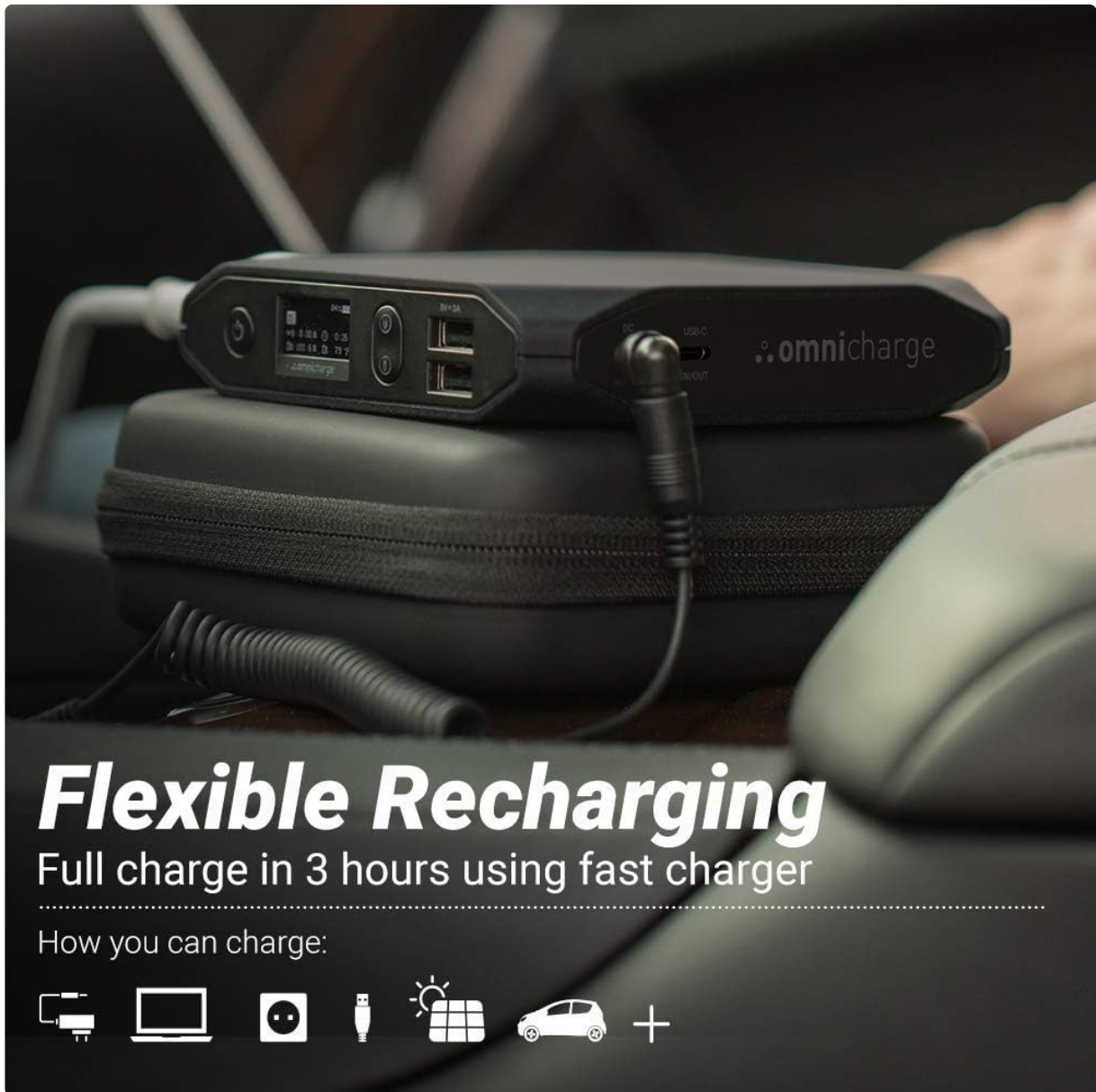


Figure 4: The OLED screen provides comprehensive real-time data, putting power control at your fingertips.

## 4.2 Charging Devices

The Omni 20+ offers multiple ways to charge your devices:

- **USB-C Output:** Connect your USB-C compatible devices (laptops, tablets, smartphones) to the USB-C port. It provides up to 60W output.



Figure 5: Power any USB-C device with max 60W output.

- **USB-A Outputs:** Use the two USB-A ports for charging standard USB devices.
- **AC Outlet:** For devices requiring a wall plug, use the built-in 100W AC outlet. This is ideal for laptops, camera chargers, or small appliances.



Figure 6: Free yourself from the wall with the 100W AC/HVDC outlet.

- **DC Output:** The universal barrel connection provides an adjustable 1V-24V (70W max) DC output, suitable for specialized devices or direct laptop charging with appropriate adapters (e.g., DC to MagSafe, DC to Surface Connect).



# Wireless Charging

No cables, no problem

Recharge your phone with our wireless charging feature. Simply place your phone on top of the Omnicore to get fast and reliable wireless charging.

Figure 7: Achieve ultimate charging efficiency with the DC output for various devices.

- **Wireless Charging:** Place your Qi-compatible smartphone on the designated wireless charging area on top of the Omni 20+ to initiate wireless charging.



Figure 8: Enjoy wireless charging for compatible devices, no cables needed.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your Omni 20+:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power bank. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the Omni 20+ in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to keep the battery charged to about 50-70%.
- **Handling:** Avoid dropping or subjecting the power bank to strong impacts. While durable, excessive force can damage internal components.
- **Battery Care:** Periodically fully discharge and recharge the power bank (once every 3-6 months) to calibrate the battery management system and maintain accuracy of the battery level display.

## 6. TROUBLESHOOTING

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If you encounter issues with your Omni 20+, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Omni 20+ does not turn on.	Battery might be completely drained. Connect to the AC fast charger and allow it to charge for a few minutes before attempting to power on.
Device is not charging from Omni 20+.	<p>Ensure the Omni 20+ is powered on.</p> <p>Check if the cable is securely connected to both the Omni 20+ and your device.</p> <p>Verify that the output port (USB-C, USB-A, AC, DC) is enabled on the Omni 20+ (check OLED display).</p> <p>The device might require more power than the Omni 20+ can provide on a specific port. Refer to specifications.</p>
Wireless charging is not working.	<p>Ensure your device is Qi-compatible.</p> <p>Make sure the device is placed correctly on the wireless charging area.</p> <p>Remove any thick cases from your phone that might interfere with wireless charging.</p>
OLED display is not working or frozen.	Attempt a soft reset by pressing and holding the power button for 10-15 seconds until the device powers off, then power it back on. If the issue persists, contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	Omni 20+
Model Number	OP2KB002
Battery Capacity	20,000 mAh (71Wh)
Battery Material	Lithium-ion
Product Dimensions	12.7 x 12.2 x 2.7 cm (5 x 4.8 x 1.1 inches)
Item Weight	500 grams (1.1 lbs)
Color	Black
USB-C Output	Up to 60W
USB-A Output	2x USB-A ports
AC Outlet Output	100W max
DC Output	Adjustable 1V-24V (70W max)
Wireless Charging	Yes (Qi-compatible)
Special Features	Digital Display, Real-time Power Management
Recommended Uses	iPhones, Cameras, Laptops, Smartphones



Figure 9: Physical dimensions of the Omni 20+ power bank.

## 8. WARRANTY AND SUPPORT

Omnicharge products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service, please refer to the official Omnicharge website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, visit: [www.omnicharge.co](http://www.omnicharge.co)